ABR: Anaerobic baffled reactor: improved septic tank with baffles

ACP: Anaerobic contact process

AD: Anaerobic digestion

As: Arsenic

ATS: Aerobic treatment system

BOD or BOD5: Biological oxygen demand (measured for five days)

CBOD: Carbonaceous biochemical oxygen demand

COD: Chemical oxygen demand

CSO: Combined sewer overflow

DEWATS: Decentralized wastewater treatment system

DNA: Deoxyribonucleic acid

DO: Dissolved oxygen

EC: Electrical conductivity

Eh: Redox potential

EIA: Environmental impact assessment

EPA: United States Environmental Protection Agency

FAO: Food and Agriculture Organization of the United Nations

FAQ: Frequently asked questions

FC: Fecal coliforms

FECR: Fecal egg count reduction; closest article is on anthelmintic

FS: Fecal (or faecal) sludge; closest article is septage

FSM: Fecal (or faecal) sludge management

FSSM: Fecal sludge and septage management

FSTP: Fecal sludge treatment plant

FTI: Faecally transmitted infections; closest article is fecal-oral transmission

GAP: Good agricultural practices

GHG: Greenhouse gases

HACCP: Hazard analysis and critical control points

HEDF: Human excreta derived fertiliser (see reuse of excreta)

HIA: Health impact assessment

HRWS: Human right to water and sanitation

HWF: Handwashing facility

kL (or Kl): Kilo liters (or 1000 liters, same as 1 cubic meter)

KM: Knowledge management

L: Liter

lpcd: Liters per capita per day (liters per person per day), e.g. for daily wastewater flowrate

MBBR: Moving Bed Biofilm Reactor

MBR: Membrane bioreactor

M&E: Monitoring and evaluation

MFC: Microbial fuel cell

MFI: Microfinance institution

mg: Milligram

μg: Microgram

MHM: Menstrual hygiene management; closest article is Menstrual hygiene day

ML: Megaliter or 1 million liter or 1000 cubic meters

MLD: Million liters per day

MoU: Memorandum of understanding

MSW: Municipal solid waste

NGO: Non-governmental organization

NIMBY: Not In My Back Yard

NRW: Non-revenue water

NSS: Non-sewered sanitation (similar term to fecal sludge management)

OD: Open defecation

O&M: Operation and maintenance

ODF: Open defecation free, i.e. a community without open defecation taking place

OPEX: Operational expenditure (or operating expense)

ORP: Oxidation reduction potential

PVC: Polyvinyl chloride

PPP: Public private partnership

ppm: Parts per million

ppb: Parts per billion

QA/QC: Quality assurance / quality control

RBF: Results-based financing, see also Output based aid or Payment by Results

RCT: Randomized controlled trial

R&D: Research and development

RNA: Ribonucleic acid

RRR: Resource Recovery and Reuse

RTI: Reproductive tract infection

RTTC: Reinvent the Toilet Challenge, an R&D funding scheme by the Bill and Melinda Gates Foundation

SAR: Sodium adsorption ratio

SBA (or SBM): Swachh Bharat Abhiyan, Clean India Mission or Swachh Bharat Mission

SBR: Sequencing batch reactor

SDG: Sustainable Development Goal

SDG6: Sustainable Development Goal Number 6: "Clean Water and Sanitation"

SFD: Shit Flow Diagram, see example here

SHG: Self-help group

SLA: Service-level agreement

SLB: Service-level benchmarking

SME: Small and medium-sized enterprise

SMS: Short message service

SOP: Standard operating procedure

STP: Sewage treatment plant

SRT: Solids retention time, see also Activated sludge

SS: Suspended solids

T90: Time at which 90 percent reduction in pathogens is achieved

ThOD: Theoretical oxygen demand

TSS: Total suspended solids

UASB: Upflow anaerobic sludge blanket reactor

UCD: User-centered design

UDDT: Urine-diverting dry toilet

UDT: Urine diversion toilet

UDFT: Urine Diverting Flush Toilet

μg: Microgram

USEPA: United States Environmental Protection Agency

VIP: Ventilated improved pit latrine

WASH or WaSH: Water, sanitation and hygiene

WASH2: Water, sanitation, hygiene and health

WC: Water closet

WEF: Water-Energy-Food nexus

Waste stabilization pond

WSUP: Water and sanitation for the urban poor

WTD: World Toilet Day

WTP: Water treatment plant

WWD: World Water Day

WWTP: Wastewater treatment plant

AWWA: American Water Works Association

BOD : Biochemical Oxygen Demand

CBOD: Carbonaceous Biochemical Oxygen Demand Chlorine

COD: Chemical Oxygen Demand

NH3-N: Ammonia Nitrogen

NO2-N: Nitrite Nitrogen

NO3-N: Nitrate Nitrogen

TDS: Total Dissolved Solids

TKN: Total Kjeldahl Nitrogen

TP: Total Phosphorous

TSS: Total Suspended Solids

oF: Fahrenheit

DO: Dissolved Oxygen

F/M Ratio: Food to Microorganism Ratio

GSA: Gould Sludge Age

MCRT: Mean Cell Residence Time

MLSS: Mixed Liquor Suspended Solids

MLVSS: Mixed Liquor Volatile Suspended Solids

ORP: Oxidation/ Reduction Potential

OUR: Oxygen Uptake Rate

O & G: Oil and Grease

RAS: Return Activated Sludge

RBC: Rotating Biological Contactor

SA: Sludge Age

SDI: Sludge Density Index

SOUR: Specific Oxygen Uptake Rate

SRT: Solids Retention Time

SVI: Sludge Volume Index

WAS: Waste Activated Sludge

AWT, AWWT: dvanced Wastewater Treatment

BHP: Brake Horse Power

CFM: Cubic Feet Per Minute

CFR: Code of Federal Regulations

CFS: Cubic Feet Per Second

DMR: Discharge Monitoring Report

GPD: Gallons Per Day

GPM: Gallons Per Minute

GPS: Gallons Per Second

HP: Horse Power

MGD: Million Gallons Per Day

MG/L: Milligrams Per Liter

MOR: Monthly Operating Report

NPDES: National Pollutant Discharge Elimination System

POTW: Publicly Owned Treatment Works

PPM: Parts Per Millions

PSI: Pounds Per Square Inch

WRF: Water Reclamation Facility

WTP: Water Treatment Plant

WWTF: Wastewater Treatment Facility

WWTP: Wastewater Treatment Plant

Ag: Silver

AS: Activated Sludge

As: Arsenic

BOD: Biochemical Oxygen on Demand:

Cd: Cadmium

CN: Cyanide

COD: Chemical Oxygen Demand

UF: Ultra Filtration

RO: Reverse Osmosis

SDI: Silt Density Index

RO: Reverse Osmosis

IPC : Inclined Plate Clarifier

NTU: Nephelometer Turbidity Units

FOG: Fats Oil & Grease

GFD: Gals per foot of membrane per day

LMH: Liters of permeate per square meter of membrane per hour

EDI: Electro Deionization

TDS: Total dissolved solids

umho/cm: Micromho per centimeter

uS/cm: Microsiemens per centimeter

FeCl3: Ferric chloride

FeCl2: Ferrous chloride

DO: Dissolved Oxygen

F/M Ratio: Food to Microorganism Ratio

GSA: Gould Sludge Age

MCRT: Mean Cell Residence Time

MLSS: Mixed Liquor Suspended Solids

MLVSS: Mixed Liquor Volatile Suspended Solids

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SRT: Solids Retention Time

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AWT, AWWT: Advanced Wastewater Treatment

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CFM: Cubic Feet Per Minute

CFR: Code of Federal Regulations

CFS: Cubic Feet Per Second

DMR: Discharge Monitoring Report

FAC: Florida Administrative Code

GPD: Gallons Per Day

GPM: Gallons Per Minute

GPS: Gallons Per Second

HP: Horse Power

MGD: Million Gallons Per Day

MG/L: Milligrams Per Liter

MOR: Monthly Operating Report

NPDES: National Pollutant Discharge Elimination System

POTW: Publicly Owned Treatment Works

PPM: Parts Per Millions

PSI: Pounds Per Square Inch

WRF: Water Reclamation Facility

WTP: Water Treatment Plant

WWTF: Wastewater Treatment Facility

WWTP: Wastewater Treatment Plant

AC: Alternating current

ADI: Acceptable daily intake

AOC: Assimilable Organic Carbon

AOS: Adult onsite exposure

AWWA: American Water Works Association (www.awwa.org)

AWWARF: American Water Works Association Research Foundation (www.awwarf.com)

BAC: Biological Activated Carbon (water treatment)

BAF: Biological Aerated Filter (wastewater treatment)

BATNEEC: Best Available Techniques Not Entailing Excessive Costs

BOD5: Biochemical Oxygen Demand (over a 5 day period)

CAA: Clean air act (EPA)

CFC: Chlorofluorocarbons

cfu: Colony Forming Unit (Microbiology)

CHP: Combined Heat and Power

CJD: Creutzfeld-Jakob's Disease

COD: Chemical Oxygen Demand

CSO: Combined Sewer Overflow

CVOC: Chlorinated volatile organic compound

DAF: Dissolved Air Flotation

DBP: Disinfection By-Product

DO: Dissolved Oxygen (water chemistry)

DOC: Dissolved organic carbon

EBCT: Empty Bed Contact Time

EPA: Environment Protection Agency

ESA: Environmentally Sensitive Area

EQO: Environmental Quality Objective

EQS: Environmental Quality Standard

GAC: Granular Activated Carbon

GC: Gas chromatography

GCMS: Gas chromatograph + mass spectrometer

GLV: Guideline Value (water quality standards)

GMO: Genetically Modified Organism

HACCP: Hazard Analysis and Critical Control Point

HDPE: High density polyethylene

HC: hydrocarbons

IPC: Integrated Pollution Control

IWA: International Water Association

IWSA: International Water Supply Association

IWW: Industrial Wastewater

IPPC: Integrated Pollution Prevention and Control

JTU: Jackson Turbidity Unit

LDPE: Low density polyethylene

MAC: Maximum Admissible Concentration

MB: Mixed Bed

MCL: Maximum Contaminant Level

mgd: Million gallons per day

mld: Megalitres per day

MTBE: Methyl-tert-butyl ether

NAPL: Non Aqueous phase liquid

ND: Not detected

NF: Nanofiltration

NOx: Nitrogen Oxide

VOC: Volatile Organic Carbon

Sox: Sulfur Oxides

OPEX: Operating Expenditure on a recurring annual basis

OSEC: On-Site Electrolytic Chlorination

PAC: Powdered Activated Carbon

PAH: Polycyclic Aromatic Hydrocarbons

PCV: Prescribed Concentration or Value

pe: Population Equivalent

pH: Hydrogen potential

ppt: Parts per trillion

PRV: Pressure Reducing Valve (water distribution)

PTE: Potentially Toxic Element

PVC: Polyvinyl Chloride

RBC: Rotating Biological Contactor (wastewater treatment)

RBTS: Reed Bed Treatment System (wastewater treatment)

RO: Reverse Osmosis (water treatment)

RTC: Real Time Control

SBR: Sequencing Batch Reactor (wastewater treatment)

SCADA: Supervisory Control and Data Acquisition (system)

SDWA: Safe Drinking Water Act (US legislation)

SME: Small and Medium Sized Enterprises

SI: International system of Units

SS: Suspended Solids (wastewater treatment)

SSSI: Site of Special Scientific Interest

STW: Sewage Treatment Works

TAD: Thermophilic Aerobic Digestion (wastewater sludge treatment)

TDS: Total dissolved solids or tonne of dried solids (sewage sludge)

THM: Trihalomethane

TDS: Total dissolved solids

TKN: Total Kjeldahl nitrogen

TOC: Total Organic Carbon

TSS: Total suspended solids

TTHMs: Total Trihalomethanes

TWL: Top Water level

UV: Ultraviolet Radiation

VFA: Volatile Fatty Acid

VOC: Volatile Organic Compound or Chemical

WC: Water column

WEF: Water Environment Federation

WERF: Water Environment Research Foundation

WTP: Water treatment plant

WWTP: Waste water treatment plant

WHO: World Health Organization

AQMD: Air Quality Management District

ADWF: Average Dry Weather Flow

AWWF: Average Wet Weather Flow

BMP: Best Management Practices

BOD: Biological oxygen demand

CIP: Capital Improvement Program

CSI Conveyance System Improvement

CSO: Combined Sewer Overflow

CSO LTCP: CSO Long-Term Control Plan

DFM: Decennial flow monitoring

EIS: Environmental Impact Statement

ESA: Endangered Species Act

GHG: Greenhouse gas emissions

GIS: Geographical Information System

gpcd: Gallons per capita per day

gped: Gallons per employee per day

GSI: Green Stormwater Infrastructure

I/I: Infiltration/Inflow

IPS: Influent pump station

MBR: Membrane Bioreactor

MG: Million Gallons

mgd: Million Gallons per day

MOA: Memorandum of Agreement

NACWA: National Association of Clean Water Agencies

NPDES: National Pollutant Discharge Elimination System

O&M: Operation and maintenance

RAS: Return activated sludge

TMDL: Total Maximum Daily Load

TSS: Total suspended solids

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AA - Activated alumina

ABR - Anaerobic baffled reactor - improved septic tank with baffles

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CSO - Combined sewer overflow

CW - Constructed wetland

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EC - Electrical conductivity

FC - Fecal coliforms

GHG - Greenhouse gases

GPS - Global positioning system

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ThOD - Theoretical oxygen demand

TSS - Total suspended solids

WC - Water closet

WEF - Water-Energy-Food nexus

WG - Working group, e.g. working groups of SuSanA

WinS - WASH in schools

WHO - World Health Organization

WPM - Water point mapping

WSH - Water, sanitation, hygiene

WSSCC - Water Supply and Sanitation Collaborative Council

WTD - World Toilet Day

WWTP - Wastewater treatment plant

WYSIWYG - What You See is What You Get

Cr: Chromium

Cu: Copper

DAF: Dissolved Air Flotation

DO: Dissolved Oxygen

FOG: Fats, Oils, & Grease

P&ID: Process and Instrumentation Diagram

pH: Potential Hydrogen

ppb: Parts Per Billion

ppm: Parts Per Million

POTW: Publicly Owned Treatment Work

PVC: Polyvinyl Chloride

PSI: Pounds Per Square Inch

RBC: Rotating Biological Contactor

RO: Reverse Osmosis

SBR: Sequencing Batch Reactors

TDS: Total Dissolved Solids

TKN: Total Kjeldahl Nitrogen

TOC: Total Organic Carbon

TOMP: Toxic Organic Management Plan

TSS: Total Suspended Solids

TTO: Total Toxic Organics

UF: Ultrafiltration

UV: Ultraviolet

VOC: Volatile Organic Compounds

WTP: Water Treatment Facility

WWTP: Wastewater Treatment Plant

Zn: Zinc

NPSH: Net Positive Suction Head

UVGI: Ultraviolet germicidal irradiation

PC : Personal computer

PFD: Process flow diagram

PLC : Programmable Logic Controller

PPE : Personal Protective Equipment

SCADA: Supervisory Control and Data Acquisition

VFD: Variable Frequency Drive

HMI: Human Machine Interface

MCC: Motor Control Center